

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of purifying domestic waste water on site, the method comprising the steps of:
collecting the waste water in a holding tank;
providing a mixing loop in fluid communication with the holding tank;
agitating exposing the waste water to-in an aerobic environment by passing the waste water through the mixing loop;
exposing-agitating the waste water to-in an anaerobic environment by passing the waste water through the mixing loop;
precipitating matter from the waste water whereby a supernatant water strata is formed;
extracting a supernatant layer from the waste water; and
disinfecting the resultant supernatant layer during extraction.
2. (previously presented) The method of claim 1 further comprising the step of filtering the supernatant layer.
3. (previously presented) The method of claim 1 further comprising the step of ozonating the supernatant layer.
4. (previously presented) The method of claim 2 further comprising the step of ozonating the supernatant layer.
5. (previously presented) The method of claim 1 wherein the step of precipitating matter from the waste water is conducted for a period between 60 and 120 minutes.
6. (previously presented) The method of claim 1 wherein the method is conducted in situ.
7. (previously presented) The method of claim 1 wherein the waste water is collected in a single holding tank.
8. (previously presented) The method of claim 8 wherein the exposure to anaerobic and aerobic environments takes place in the single holding tank.
9. (previously presented) The method of claim 8 wherein the precipitation takes place in the single holding tank.
10. (previously presented) The method of claim 7 wherein the extracted supernatant is stored in a separate holding tank.
11. (previously presented) The method of claim 10 wherein stored supernatant is retreated.

12. (currently amended) The method of claim 7 further comprising the steps of:

~~providing a mixing loop in fluid communication with the holding tank;~~
providing a mixing block in fluid communication with the mixing loop; and
providing a gas induction system in fluid communication with the mixing block
whereby waste water flows through the mixing loop from the holding tank into
the mixing block where it is exposed to the aerobic and anaerobic environments
prior to the step of precipitating matter from the waste water and extracting the
supernatant.

13. (previously presented) The method of claim 7 further comprising the step of initiating
and terminating each step by a programmable logic controller.

14. (previously presented) The method of claim 7 further comprising the step of initiating
and terminating each step by a timer and relay apparatus.

15. (previously presented) A method of purifying domestic waste water on site comprising
the steps of:

collecting the wastewater;
providing a mixing loop;
detoxifying the waste water in an aerobic environment by passing the water
through the mixing loop;
detoxifying the waste water in an anaerobic environment by passing the water
through the mixing loop;
precipitating matter from the waste water for 60 to 120 minutes whereby a
supernatant water strata is formed;
filtering the supernatant layer;
ozonating the supernatant layer; and
extracting a supernatant layer from the waste water.